

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application.

1.-55. (Canceled).

56. (Currently Amended) An isolated polynucleotide encoding a polypeptide comprising an amino acid sequence having at least about 95% sequence identity to an amino acid sequence of SEQ ID NO:43, wherein the homologous polypeptide has a silent change in its amino acid sequence relative to the polypeptide represented by SEQ ID NO:43.

57. (Previously Presented) The isolated polynucleotide of claim 56, wherein the polynucleotide encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:43.

58. (Previously Presented) The isolated polynucleotide of claim 56, comprising a polynucleotide sequence of SEQ ID NO:177.

59. (Previously Presented) A recombinant polynucleotide comprising a promoter sequence operably linked to the polynucleotide of claim 56.

60. (Previously Presented) An isolated cell transformed with the recombinant polynucleotide of claim 59.

61. (Previously Presented) A method of producing a polypeptide comprising:

- a) culturing a cell under conditions suitable for expression of the polypeptide, wherein the cell is transformed with a recombinant polynucleotide, and the recombinant polynucleotide comprises a promoter sequence operably linked to the polynucleotide of claim 56, and
- b) recovering the polypeptide so expressed.

62. (Previously Presented) The method of claim 61, wherein the recombinant polynucleotide comprises SEQ ID NO:177.

63. (Currently Amended) An isolated polynucleotide comprising a polynucleotide sequence selected from the group consisting of:

- a) a polynucleotide sequence having at least about 95% sequence identity to a polynucleotide sequence of SEQ ID NO:177, wherein the homologous polynucleotide encodes a polypeptide with at least one functional characteristic of the polypeptide encoded by the polynucleotide sequence of SEQ ID NO:177;
- b) a polynucleotide sequence complementary to the polynucleotide sequence of a); and
- c) an RNA equivalent of the polynucleotide sequence of a) or b).

64. (Previously Presented) The isolated polynucleotide of claim 63, comprising the polynucleotide sequence of SEQ ID NO:177.